

**REMARKS**

Reconsideration and allowance of the subject application in view of the foregoing amendments and following remarks is respectfully requested.

Claims 1-20 are pending. Claims 1 and 4 have been amended to incorporate features similar to those recited in claims 3 and 6.

The indication of allowability with respect to claims 3, 6, 11-15, and 20 is noted with appreciation.

**Amended/un-amended claims 1, 2, 4-5, 7-10, and 16-19 are not anticipated by *Bogin et al.* (US Patent 6,192,455)**

The rejection of claims 1, 2, 4-5, 7-10, and 16-19 under 35 USC 102(b) as being anticipated by *Bogin* is believed overcome in view of the foregoing amendments. A rejection based on 35 U.S.C. §102 requires every element of the claim to be included in the reference, either directly or inherently. Claim 1 is patentable over *Bogin* because the reference fails to disclose or suggest every element of claim 1. There are at least two reasons claim 1 is patentable over *Bogin*.

First, *Bogin* fails to disclose or suggest “establishing, by a BIOS, a remap window at the top of physical memory” as claimed in claim 1.

*Bogin* states that “AGP aperture memory 127 is a portion of the system memory 132 **which is allocated by the operating system** 129 for use by the graphics device 140.” *Bogin* at column 4, lines 11-13. *Bogin* fails to disclose that a BIOS establishes a remap window as claimed in the present claimed subject matter of amended claim 1. *Bogin* at Figure 2c appears to depict a system memory address map without describing the establishment of the map. *Bogin* at column 4, lines 29-45 appears to describe AGP aperture memory addresses without describing that a BIOS establishes a remap window. For at least this reason, withdrawal of the rejection is respectfully requested.

Further, nowhere does *Bogin* in column 3, lines 3-30 appear to describe **a remap window corresponding to a PCI memory address range below 4 GB** as claimed in the present claimed subject matter. For at least this reason, withdrawal of the rejection is respectfully requested.

Second, *Bogin* fails to disclose “reporting, in response to queries from an operating system to the BIOS, that a portion of the remap window is reserved” as claimed in claim 1. As described in conjunction with the first point above, the AGP aperture memory 127 is “allocated by the operating system 129 for use by the graphics device 140” and not reported in response to a query from an operating system to the BIOS as reserved. *Bogin* at column 4, lines 12-13. Thus, *Bogin* fails to disclose reporting as claimed in amended claim 1 regarding the remap window at column 4, lines 9-17. Column 5, lines 43-62 of *Bogin* fails to disclose reporting in response to queries from the operating system to the BIOS concerning reservation of a portion of the remap window. The PTO-identified portion appears to describe interception and redirection of an address as employed by *Bogin* without disclosing the claimed reporting as claimed in claim 1. For at least this reason, withdrawal of the rejection is respectfully requested.

Based on the foregoing, claim 1 is patentable over *Bogin* and the rejection should be withdrawn. Claim 4 is patentable over *Bogin* for at least reasons similar to those advanced above with respect to claim 1 and the rejection should be withdrawn.

Claims 2, 5, 7-10, and 16-19 depend, either directly or indirectly, from claims 1 or 4, include further features, and are patentable over *Bogin* for at least the reasons advanced above with respect to claim 1. The rejection of claims 2, 5, 7-10, and 16-19 should be withdrawn.

**Conclusion**

All objections and rejections having been addressed, it is respectfully submitted that the present application should be in condition for allowance and a Notice to that effect is earnestly solicited.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 08-2025 and please credit any excess fees to such deposit account.

Respectfully submitted,

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